

SYNOPSIS OF DENTAL UNIT WATER TREATMENT PRODUCTS AND DEVICES*

AT A GLANCE

Product	Active Ingredient(s)	Application/Frequency	DIS Estimated Annual Operating Cost per Operatory [§]
BioClenz™	Activated chlorine dioxide	Continuous use—low concentrate solution added each time the bottle is filled and weekly treatment	\$72 per oper Retail \$39 per oper Government
Dentacide®	Proprietary iodine formulation	Twice-weekly overnight and over the weekend treatment	\$150 per oper Retail \$83 per oper Government
DentaPure® DP40 Cartridge	Elemental iodine	Continuous use—change cartridge every 30 L of water usage or every 40 working days	\$640 per oper Retail \$200 per oper Government
DentaPure® DP365 Cartridge	Elemental iodine	Continuous use for units connected to municipal water systems—changed every 220 working days	\$675 per oper Retail \$215 per oper Government
ICX™	Sodium percarbonate, silver nitrate & cationic surfactants	Continuous use—one tablet added each time the water bottle is filled	\$288 per oper Retail \$171 per oper Government
Lines™	Ethanol and chlorhexidine	Weekly overnight (weekend) treatment	\$58 per oper Retail \$40 per oper Government
MicroCLEAR™	Chlorine dioxide	Continuous use—1:10 dilution added each time the water bottle is filled	\$111 per oper Retail \$89 per oper Government
Mint-A-Kleen	Glycerin and Chlorhexidine Gluconate	Weekly overnight treatment	\$60 per oper Retail \$39 per oper Government
PureLine50	Ionized silver resin	Continuous use—annual filter change	Varies by facility size Retail \$40 per oper if 40 operatories \$160 per oper if 10 operatories Govt \$20 per oper if 40 operatories \$82 per oper if 10 operatories
PureTube™ BR360 Cartridge	Ionized silver resin	Continuous use with quarterly maintenance treatment and change cartridge once a year	\$340 per oper Retail \$187 per oper Government
PureTube PLUS™	Ionized silver resin	Continuous use—lasts 90 days	\$340 per oper Retail \$187 per oper Government
Selective Micro® DENTAL-CLEAN	Chlorine dioxide	Twice monthly and annual overnight treatment.	\$69 per oper Retail \$59 per oper Government
Sterilex® Ultra Liquid	Alkaline proxygen with phase transfer catalyst	Weekly overnight treatment	\$86 per oper Retail \$49 per oper Government
Sterilex® Ultra Powder	Alkaline proxygen with phase transfer catalyst	Weekly overnight treatment	\$29 per oper Retail \$15 per oper Government
VistaClear™ Integrated System #2970	Multi-stage biochemical filter	Continuous use with monthly line cleaning and annual filter change	\$478 per oper Retail \$263 per oper Government
VistaClean™ Irrigant Solution Concentrate	Botanical extract from citrus	Continuous use—product added each time the water bottle is filled and monthly treatment	\$110 per oper Retail \$60 per oper Government
VistaClear™ Waterline Treatment System	Multi-stage biochemical filter	Continuous use with monthly cleaning and annual filter change	Varies by facility size Retail \$152 per oper if 1 operator \$87 per oper if 7 operatories Government \$84 per oper if 1 operator \$48 per oper if 7 operatories
Waterclave® Water Purifier	Heat and pressure treatment for a minimum of 30 minutes	Continuous treatment with periodic use of chemical waterline treatment product of choice	\$30 per oper Retail \$20 per oper Government (Electric usage not included)

[§] Assumptions: 240 liter annual water usage per operatory (1.0 L of water per operatory daily, 5 days/wk, 48 wks/yr [92.3% operatory usage]). Costs listed are annual usage costs only - does not include initial equipment costs (if any) or the cost of source water (if other than tap water is used)